



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Saturday, May 18, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **A few tornadoes, some strong, widespread damaging winds and large hail expected for North/Central TX into AR, SE OK, NW LA.**

Monday

- **Significant severe weather event possible, including strong tornadoes.**
 - **Moderate Risk for Central/W OK into NW TX and E TX Panhandle.**

Tuesday

- **Severe storms for N TX into the Arklatex & most of AR.**

Major River Flooding or Known Evacuations

- **Major flooding continues on the MS River at Baton Rouge (SE LA), the Ouachita River at Monroe (N LA), and the Trinity River at Liberty (SE TX).**

FEMA Region 6 Threat Matrix

May 18, 2019 – May 22, 2019



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	N/CTX,AR, SE OK, NW LA	TX/OK Panhandles, E NM/AR/LA	C/W OK,NW TX, ETX Panhandle	NTX,Arlatex,AR	
	OK, TX, LA		OK into W TX		
Heavy Rain / Flash Flooding	N/CTX,AR, E OK N LA		OK		
			NW TX		
Fire Weather	S NM, Far W TX				
Tropical Weather					
River Flooding	TX/LA	TX/LA	TX/LA	TX/LA	TX/LA
	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

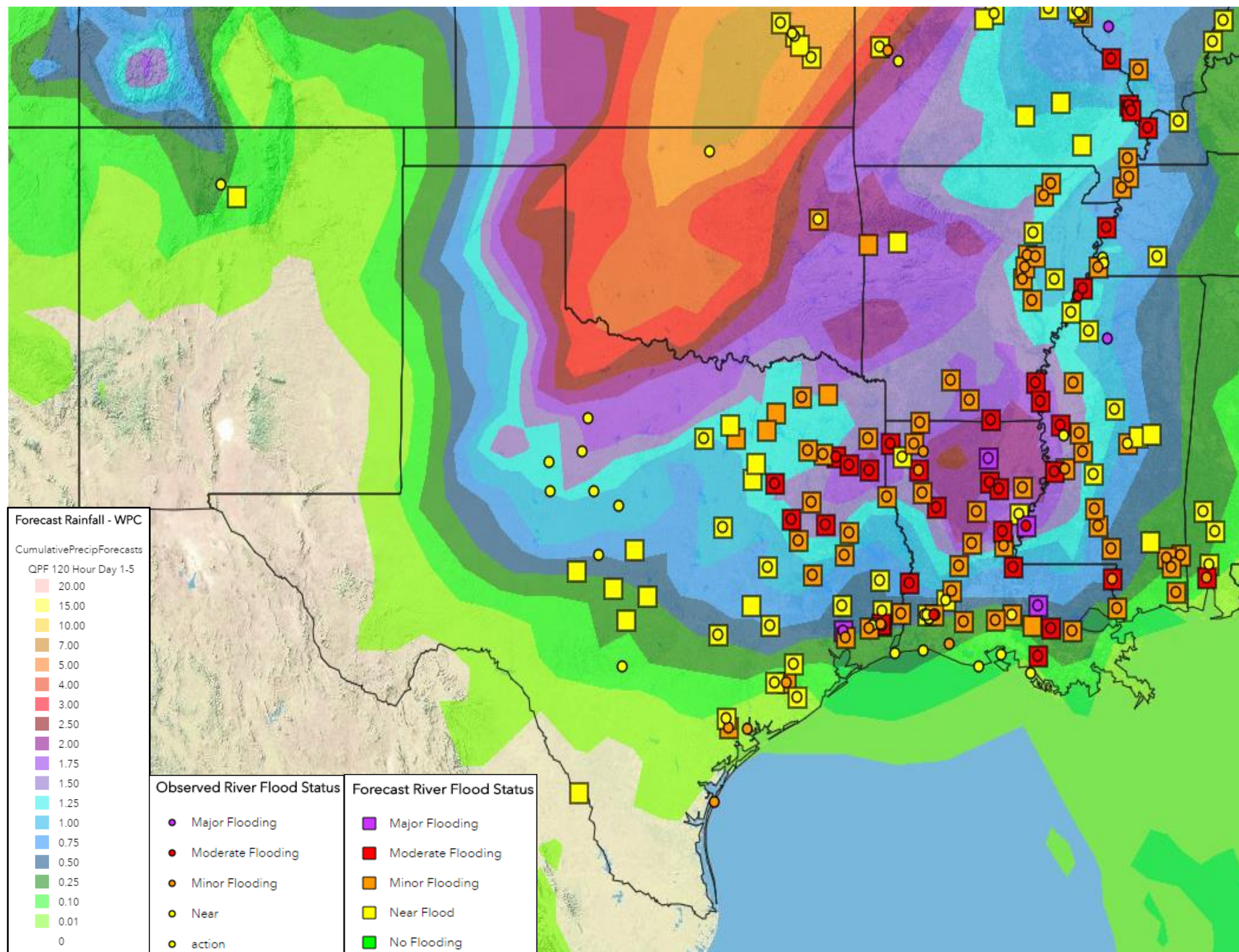
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Points along the MS River in AR and LA remain at moderate/major flood stage.

- **Osceola (NE AR)** will remain at moderate flood stage through the middle of next week with many roads under water.
- **Arkansas City (SE AR)** will remain in moderate flood through next week with lowland flooding and flooded roads.
- **At Red River Landing (NE LA)**, camps and roads will be flooded, and Angola Landing is flooded, closing the ferry.
- **At Baton Rouge, (SE LA)**, major flooding will continue with mostly navigational impacts.
- **The Bonnet Carre Floodway** is opened to reduce water levels at New Orleans.

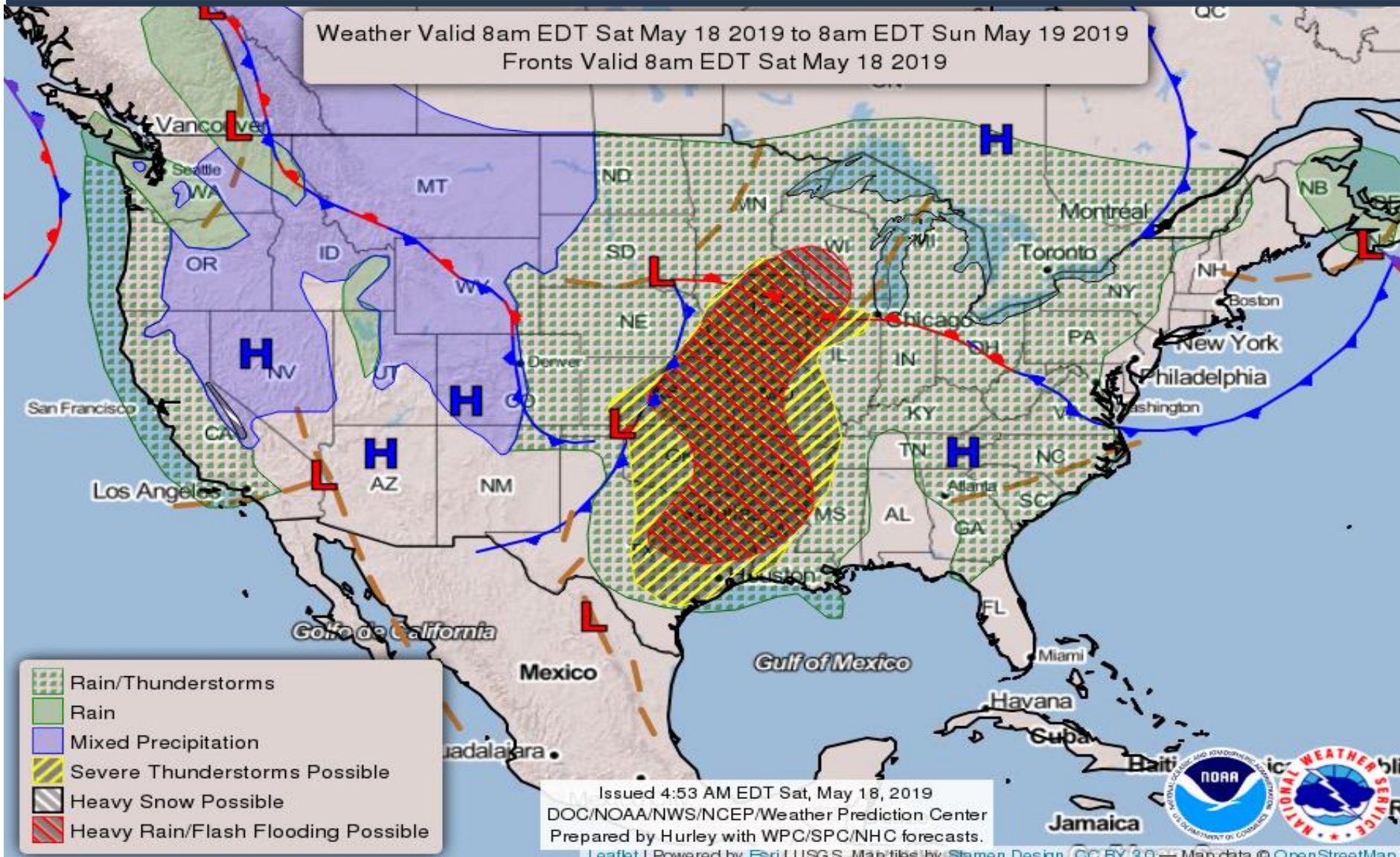
Major flooding also continues on the Ouachita River at Monroe (N LA) and the Trinity River at Liberty (SE TX). Impacts mostly to roads and agriculture except for the Trinity at Liberty where impacts to some residences are possible.

Today's Weather

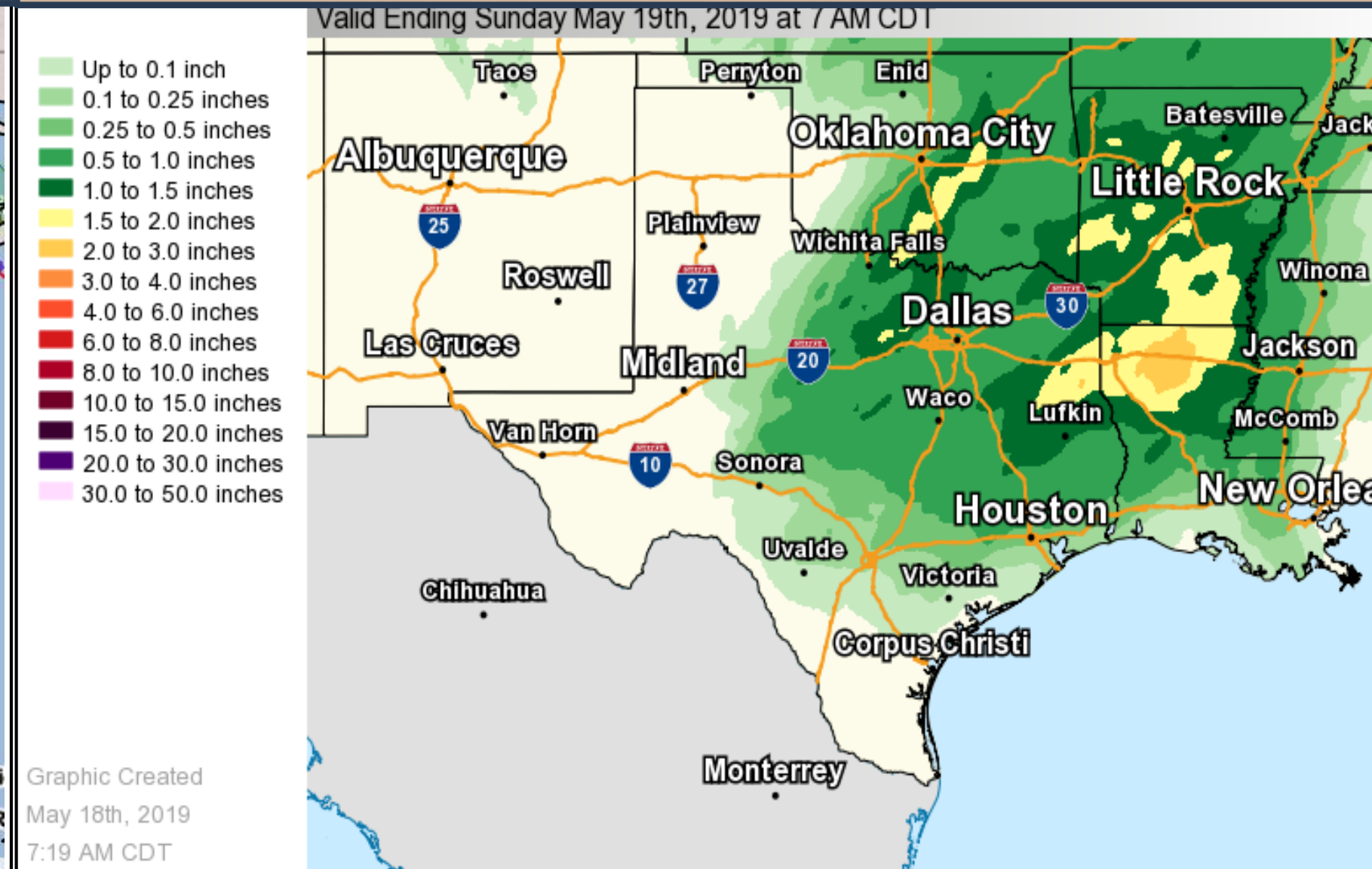


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Forecast Chart



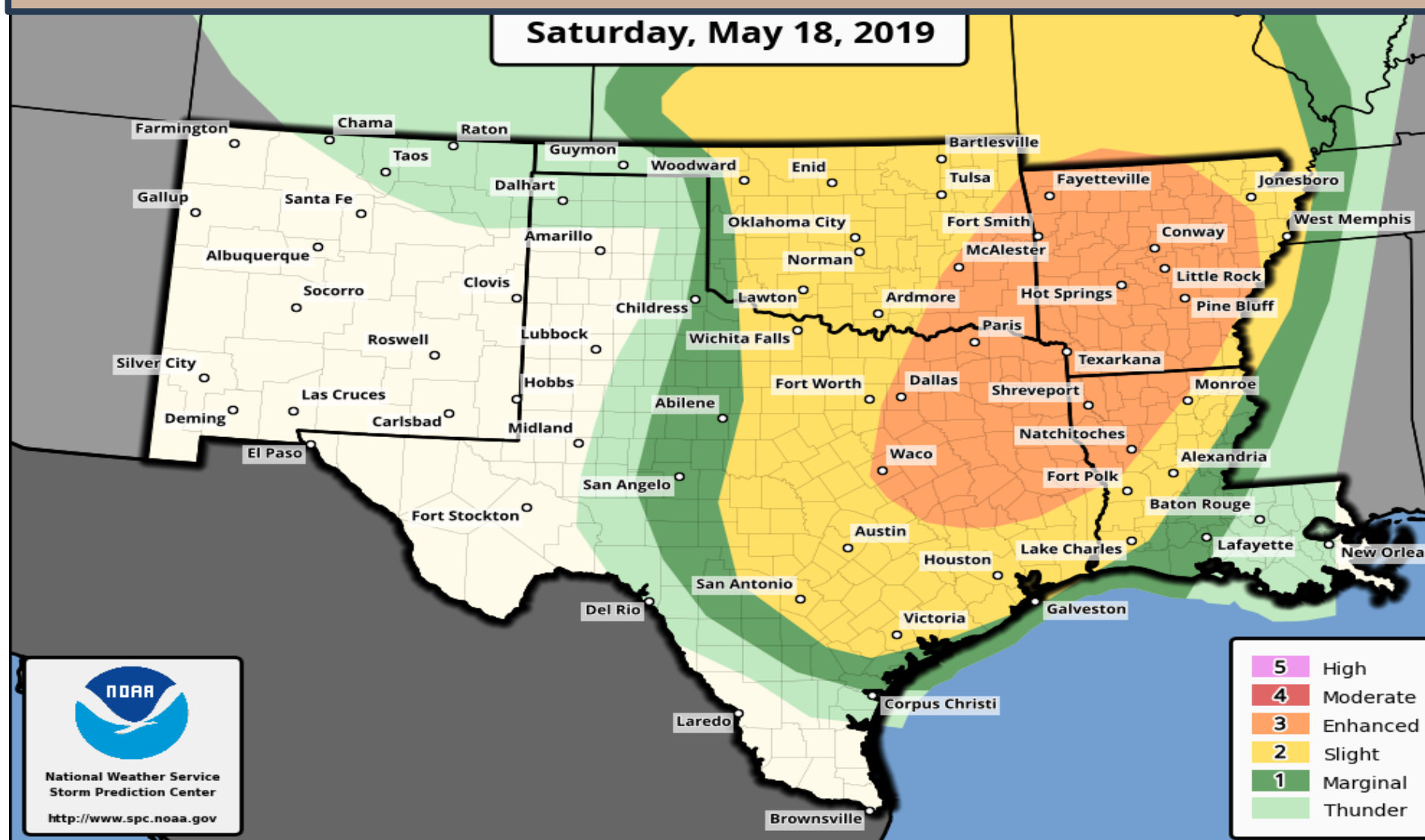
Forecast Rainfall



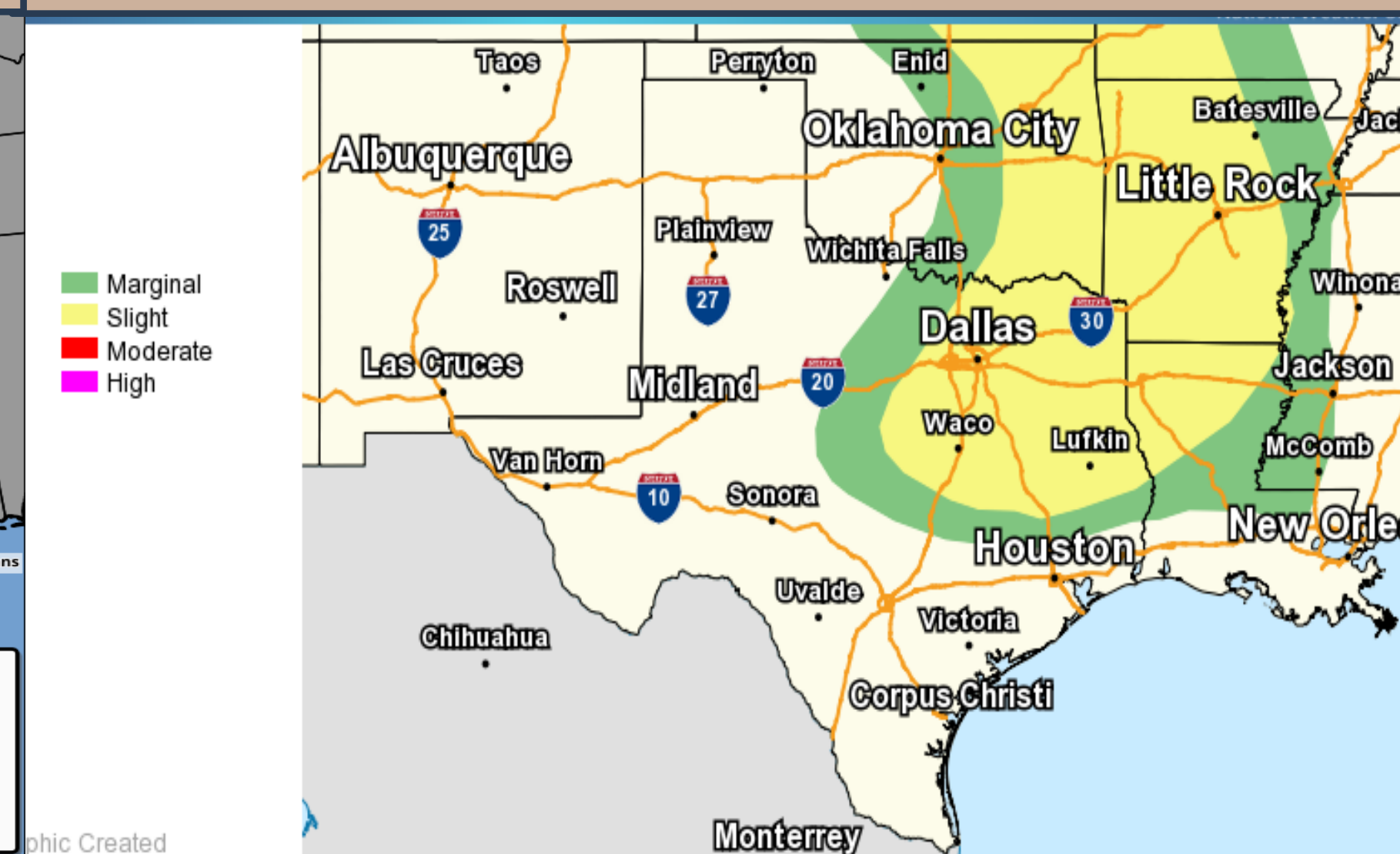
A few tornadoes, some strong, widespread damaging winds and large hail expected for North/Central TX into AR, SE OK, NW LA.

Severe storms also possible for much of the rest of OK into West and South TX and West/Central/NE LA.

Severe Weather Outlook



Excessive Rainfall Outlook



Flash flooding possible for North/Central TX into E OK, and N LA.

Watches, Warnings, and Advisories

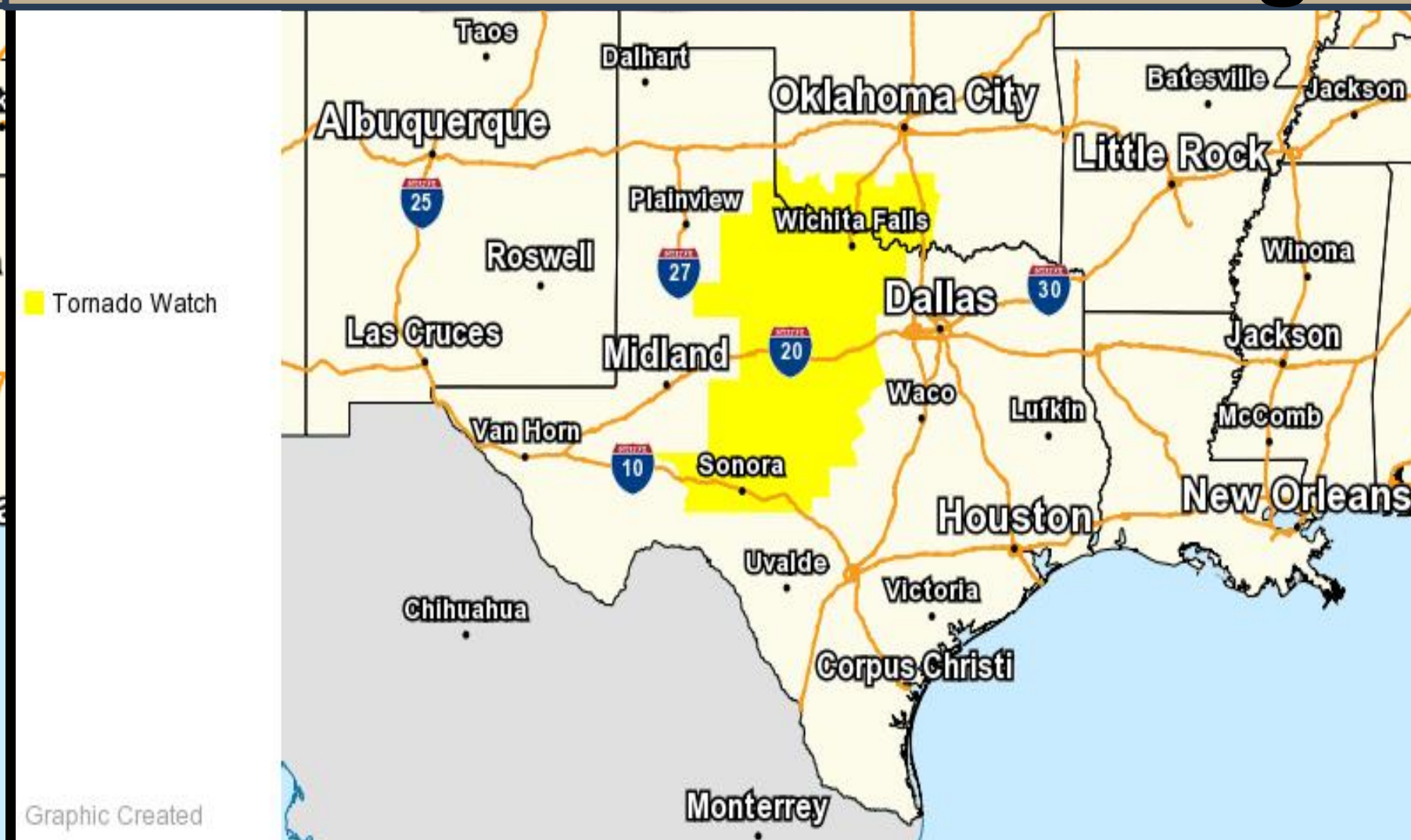


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Fire Weather



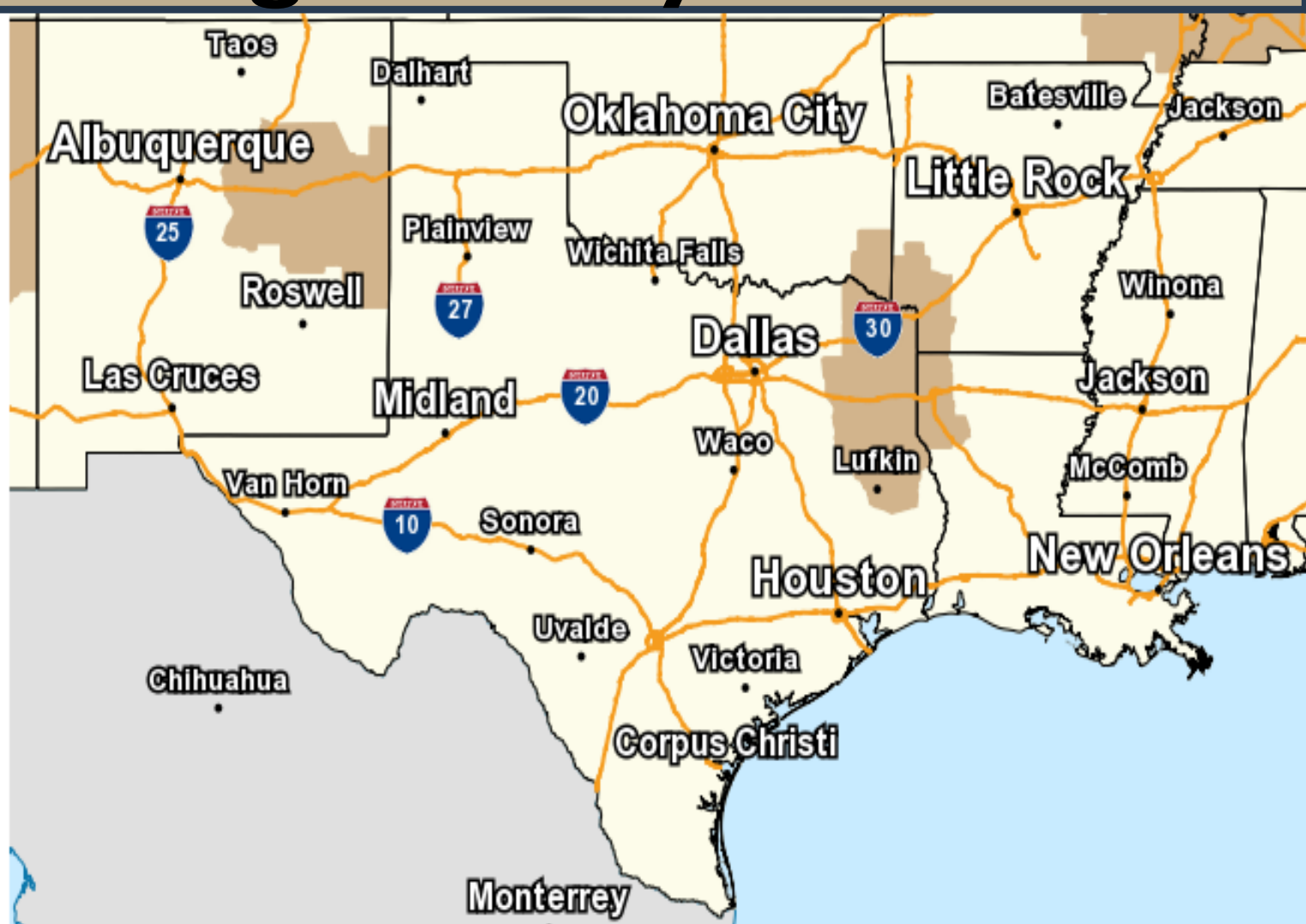
Severe Weather & Flooding



Tornado Watch for SW OK into NW/West-Central TX through 10am.

Additional Tornado Watches are expected as storms move eastward throughout the day and into tonight.

Strong & Gusty Winds



Winter Weather

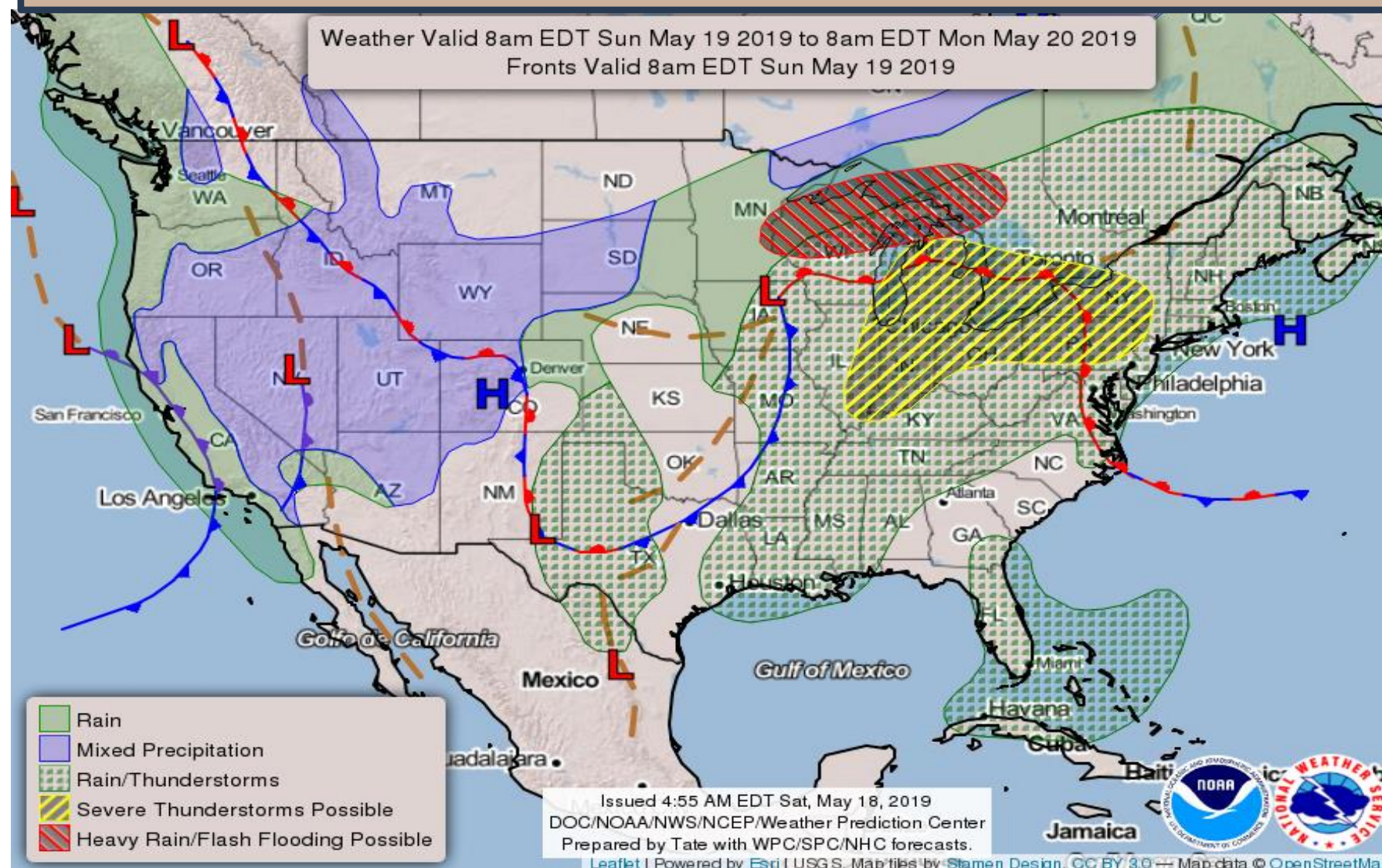


Tomorrow's Weather

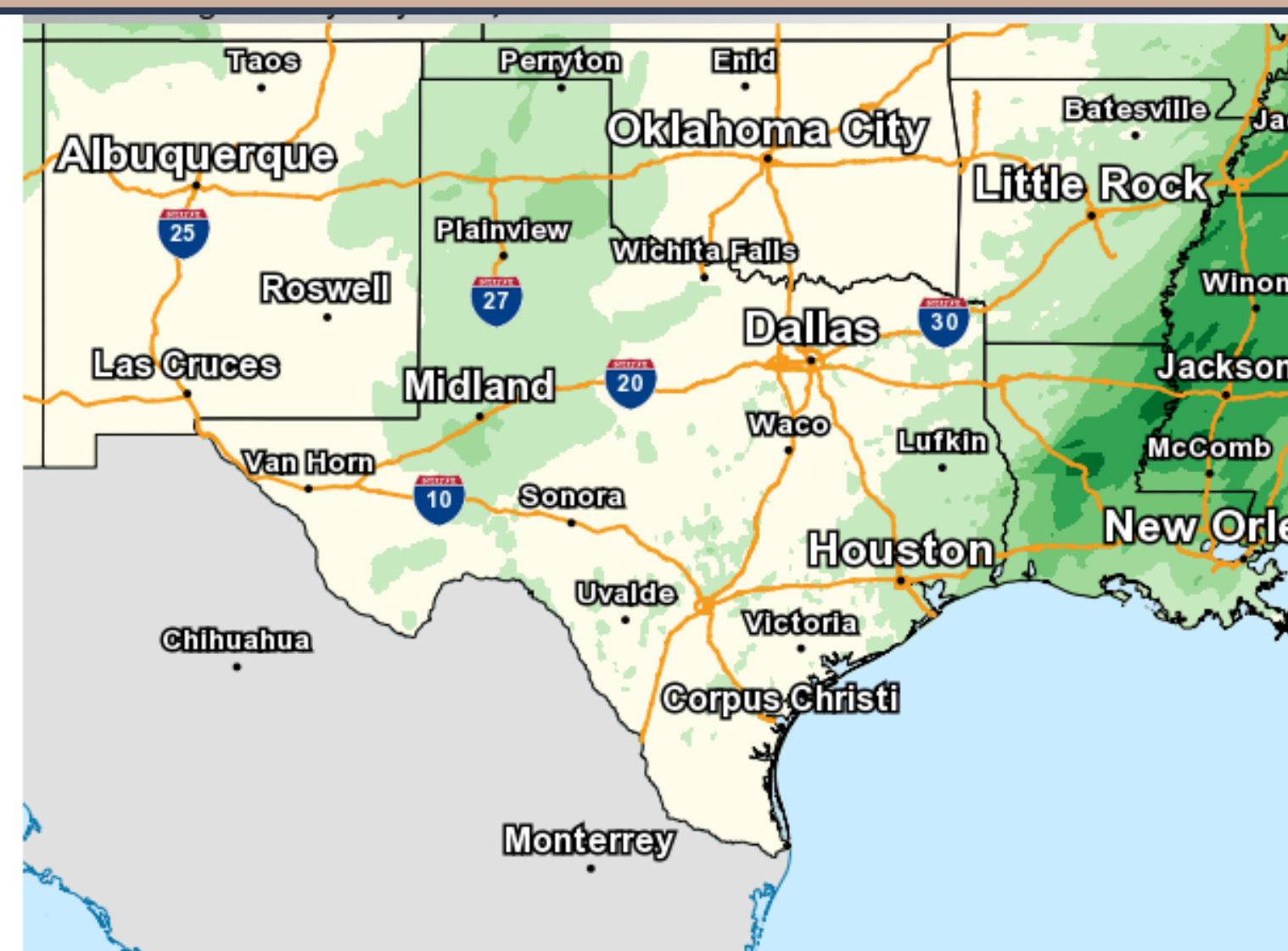
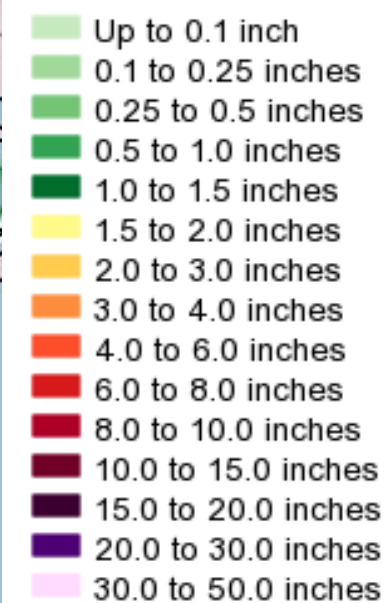


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Forecast Chart

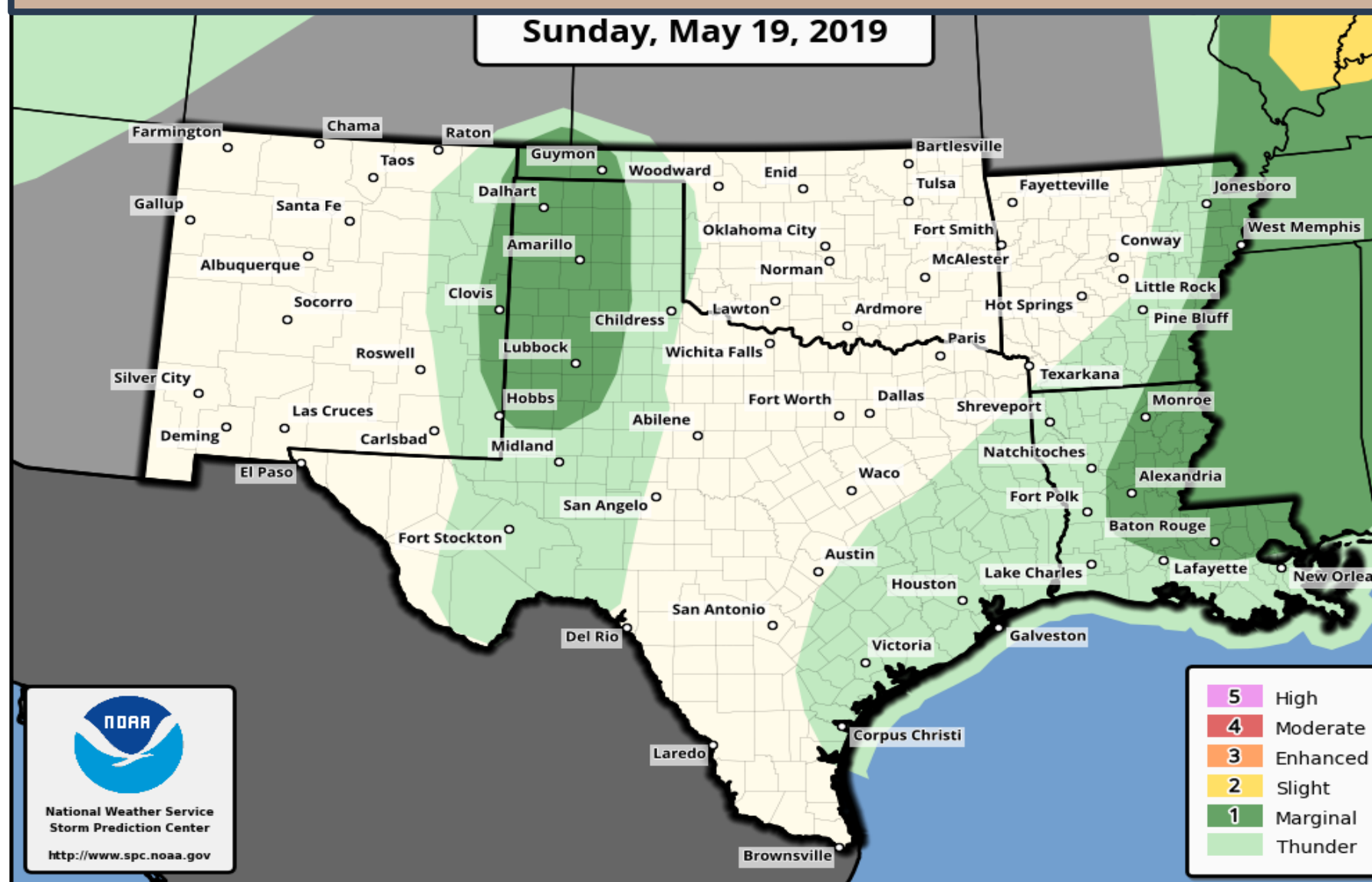


Forecast Rainfall



Isolated strong to severe storms possible over the TX/OK Panhandles and eastern portions of NM, AR, and LA.

Severe Weather Outlook



Excessive Rainfall Outlook

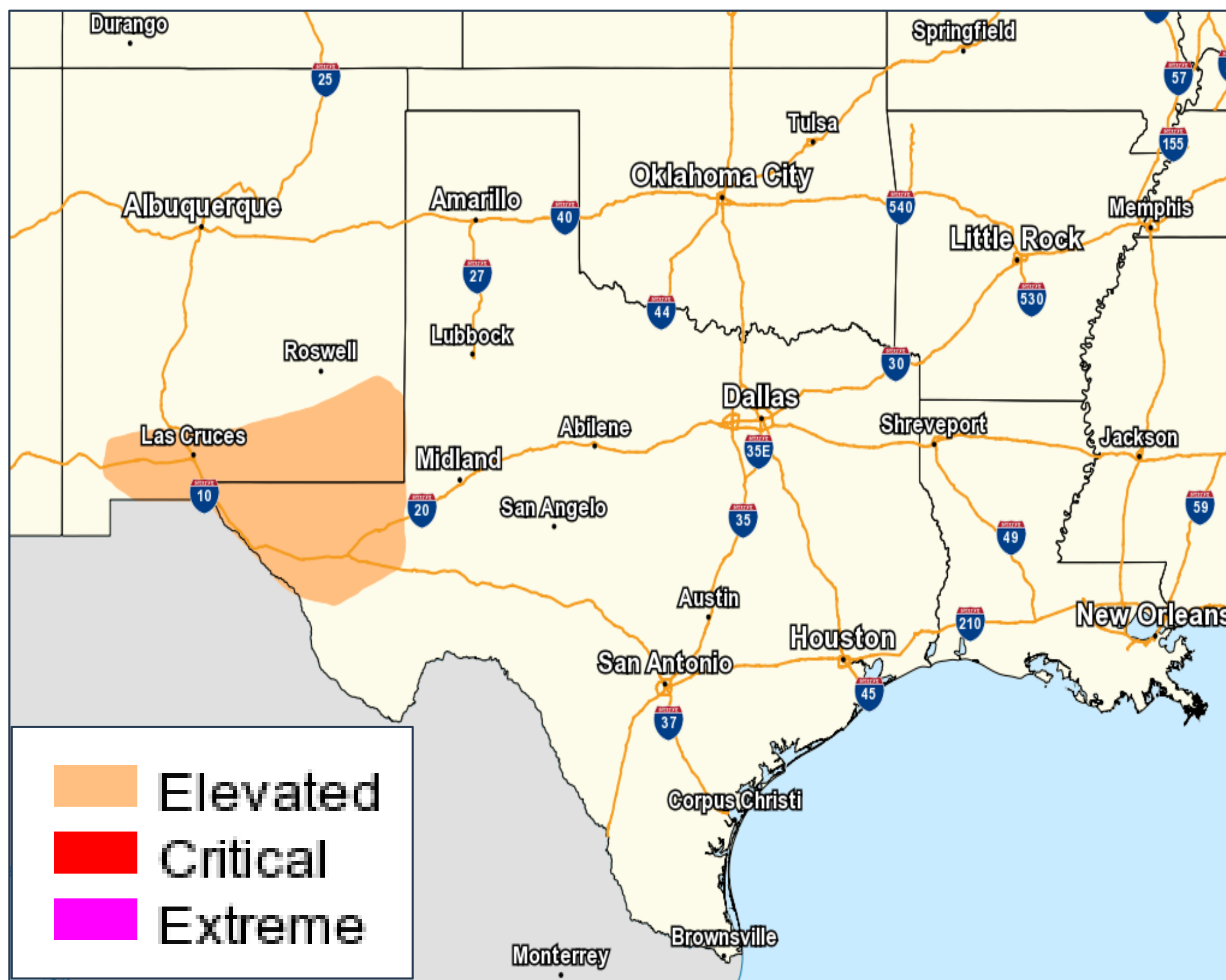


Fire Weather Outlooks

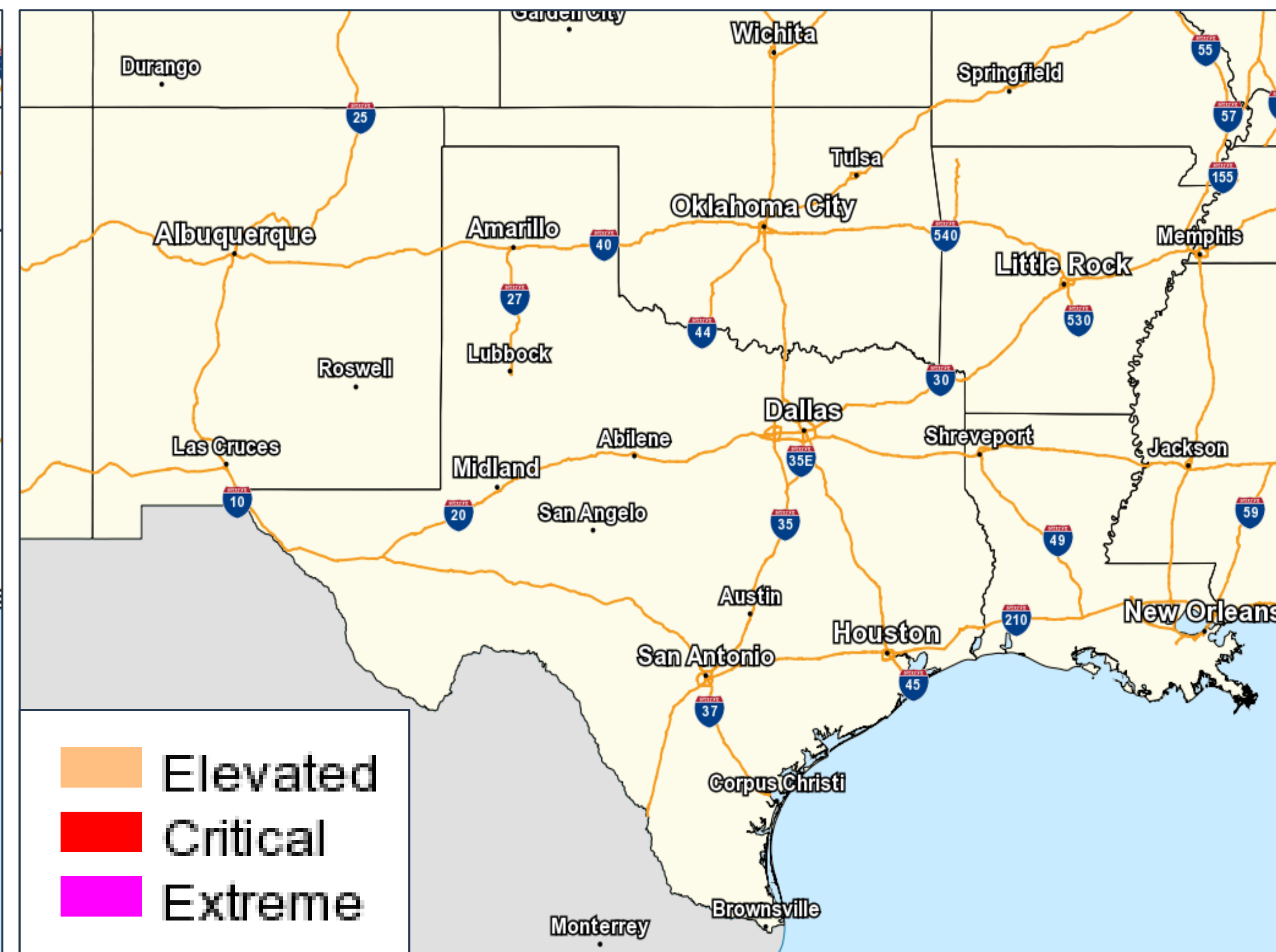


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Today's Fire Weather Outlook

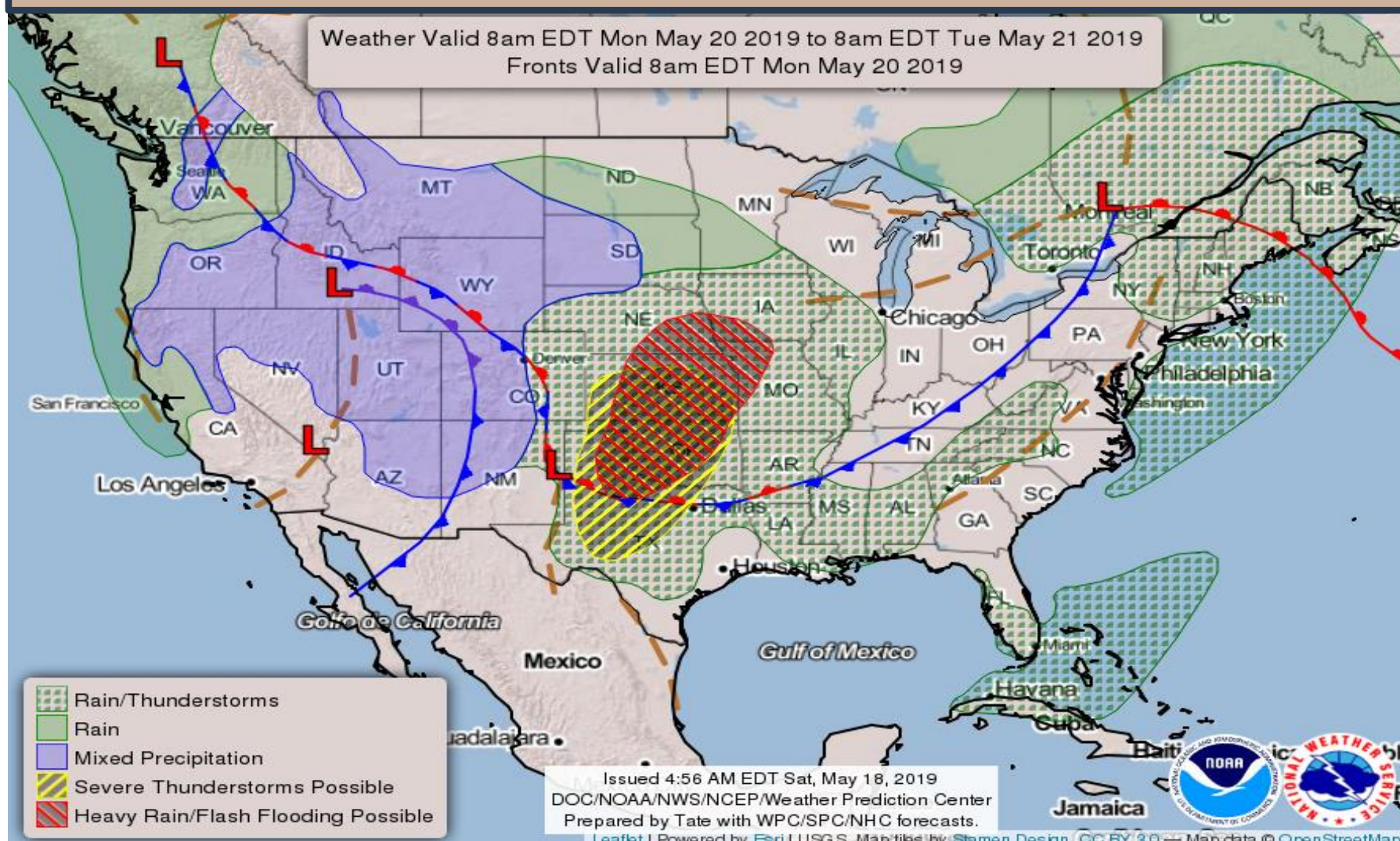


Tomorrow's Fire Weather Outlook

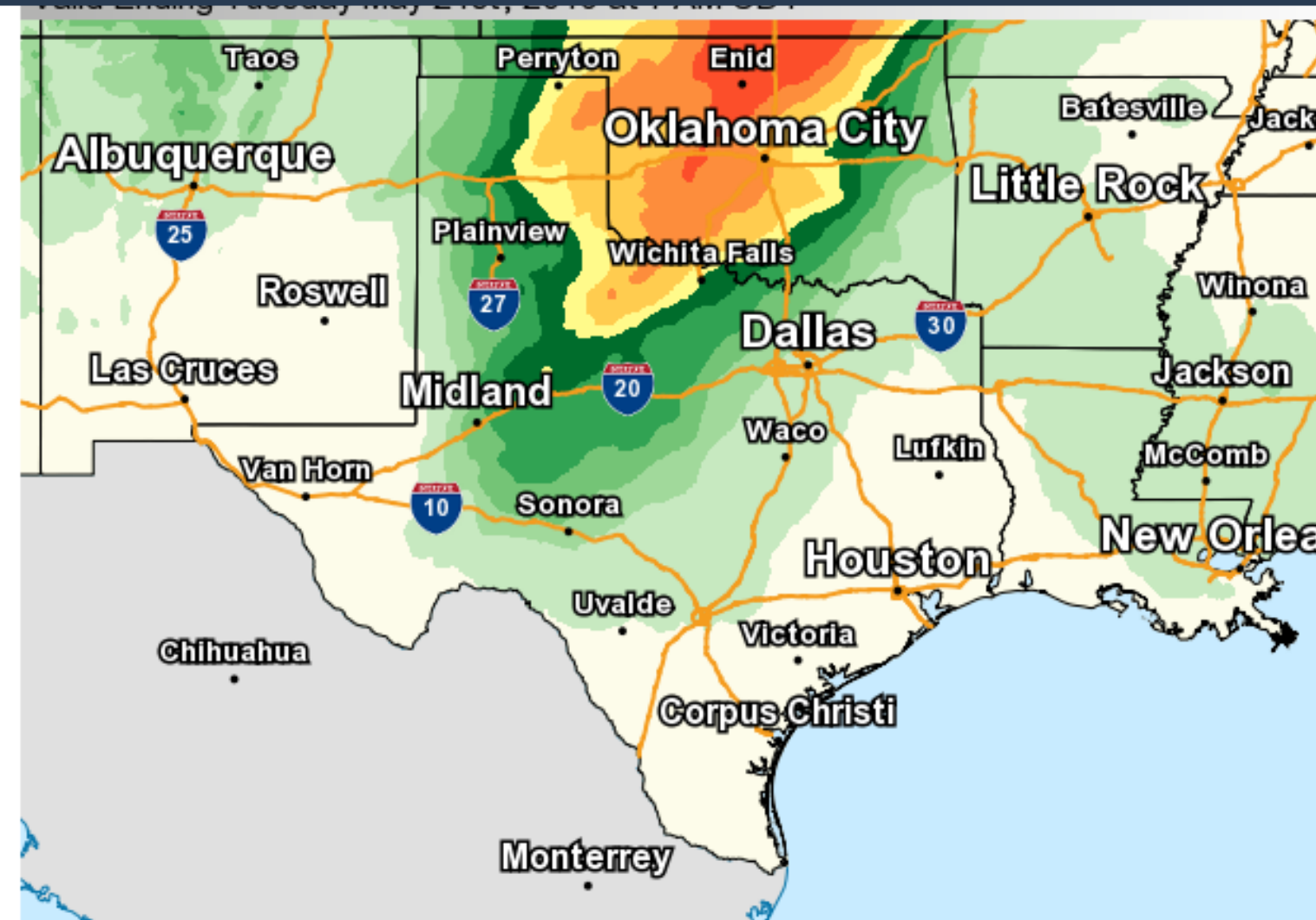
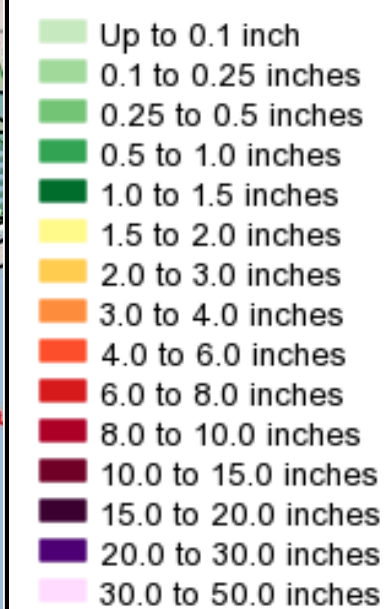


Monday's Weather

Forecast Chart

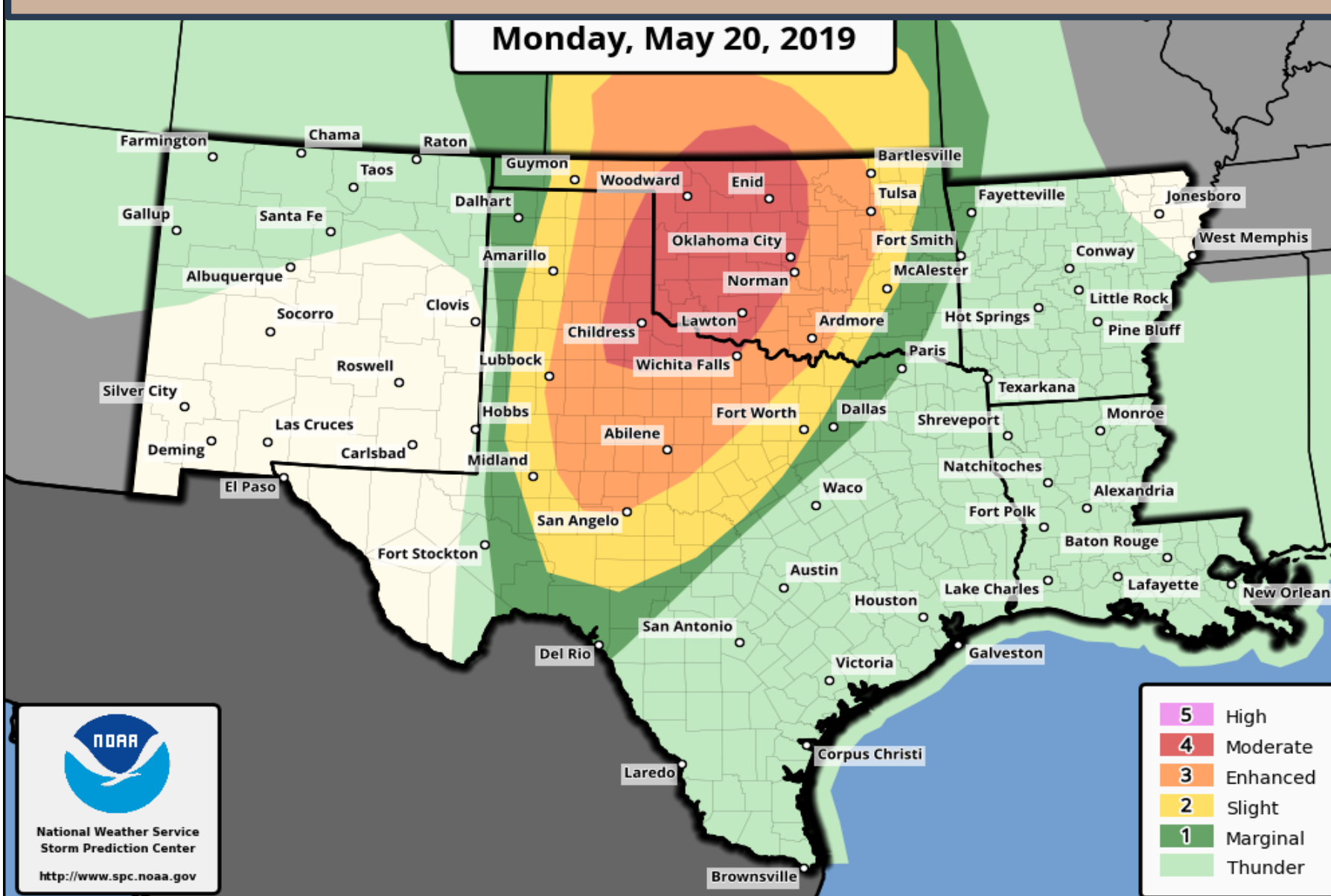


Forecast Rainfall

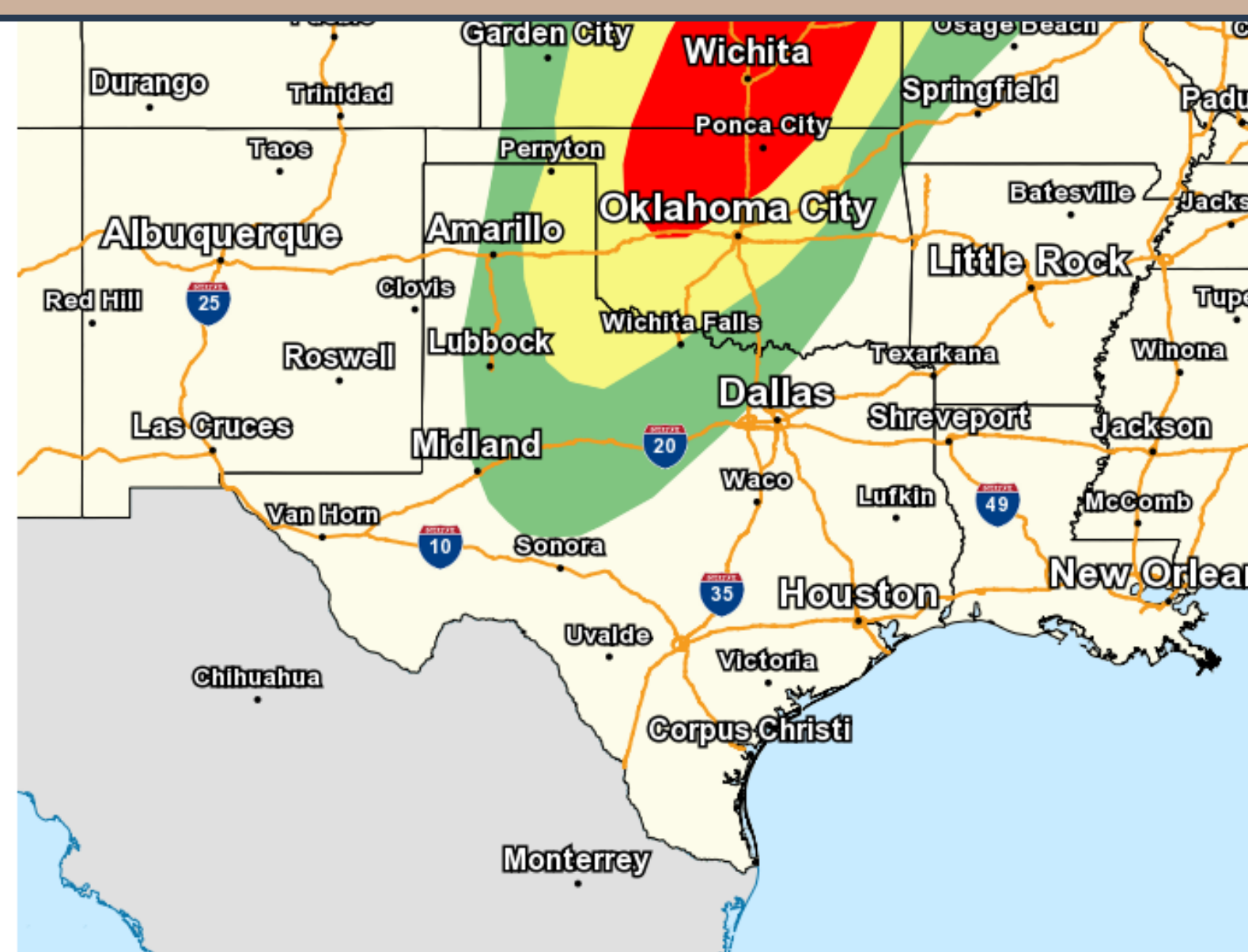


Graphic Created
May 18th, 2019

Severe Weather Outlook



Excessive Rainfall Outlook



Graphic Created
May 18th, 2019
AM CDT



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Significant severe weather event possible, including strong tornadoes. Moderate risk currently highlighted for **Central and Western OK** into **NW TX** and the **eastern TX Panhandle**.

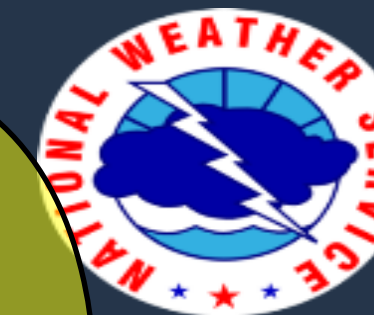
Enhanced Risk of severe storms extends into much of the rest of OK and W TX.

Flash flooding also likely in N&W OK.

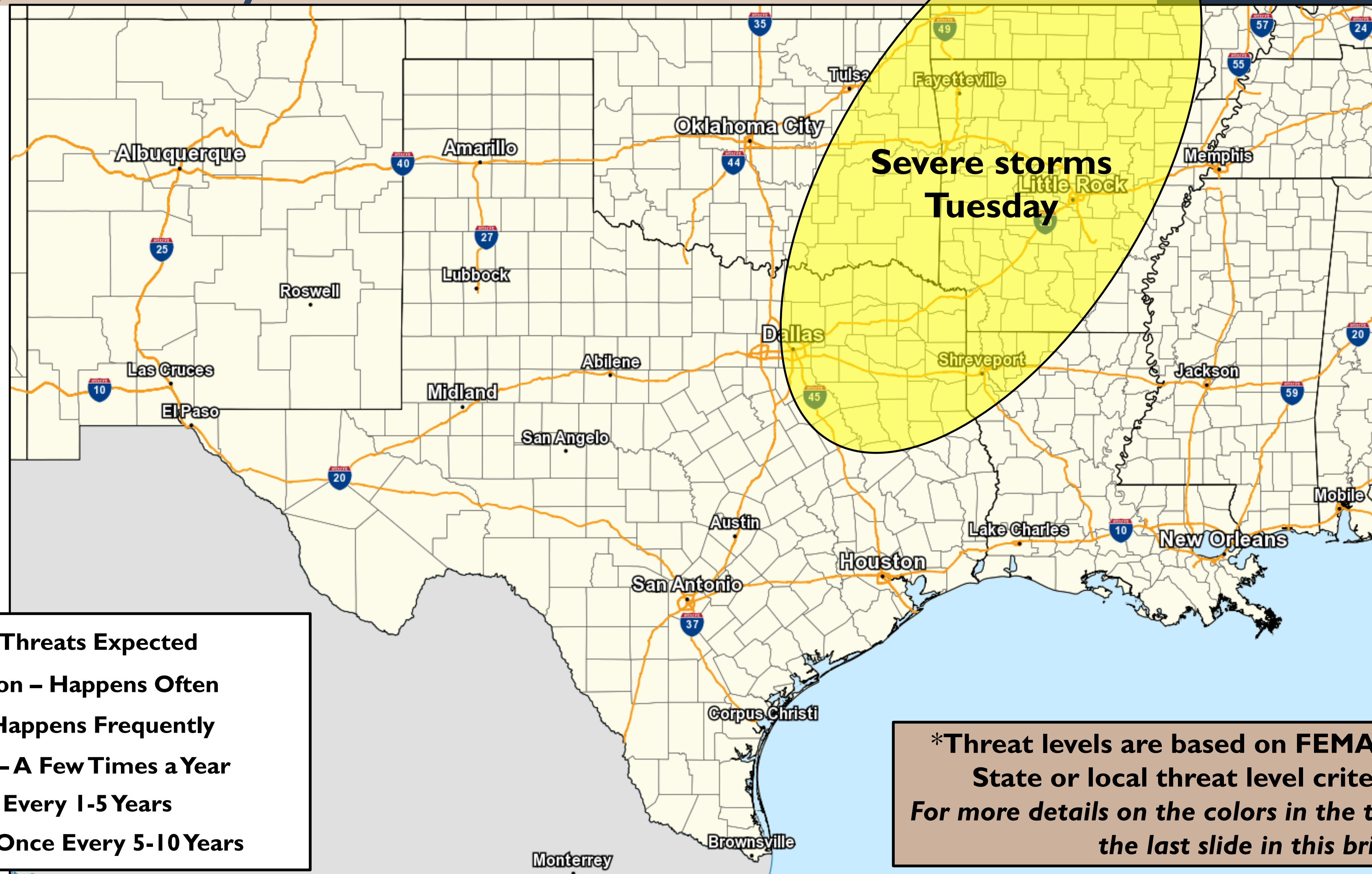
Areas of flash flooding possible for much of the rest of OK into W TX.

Days 4-5 Weather Hazards

Tuesday-Wednesday



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	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
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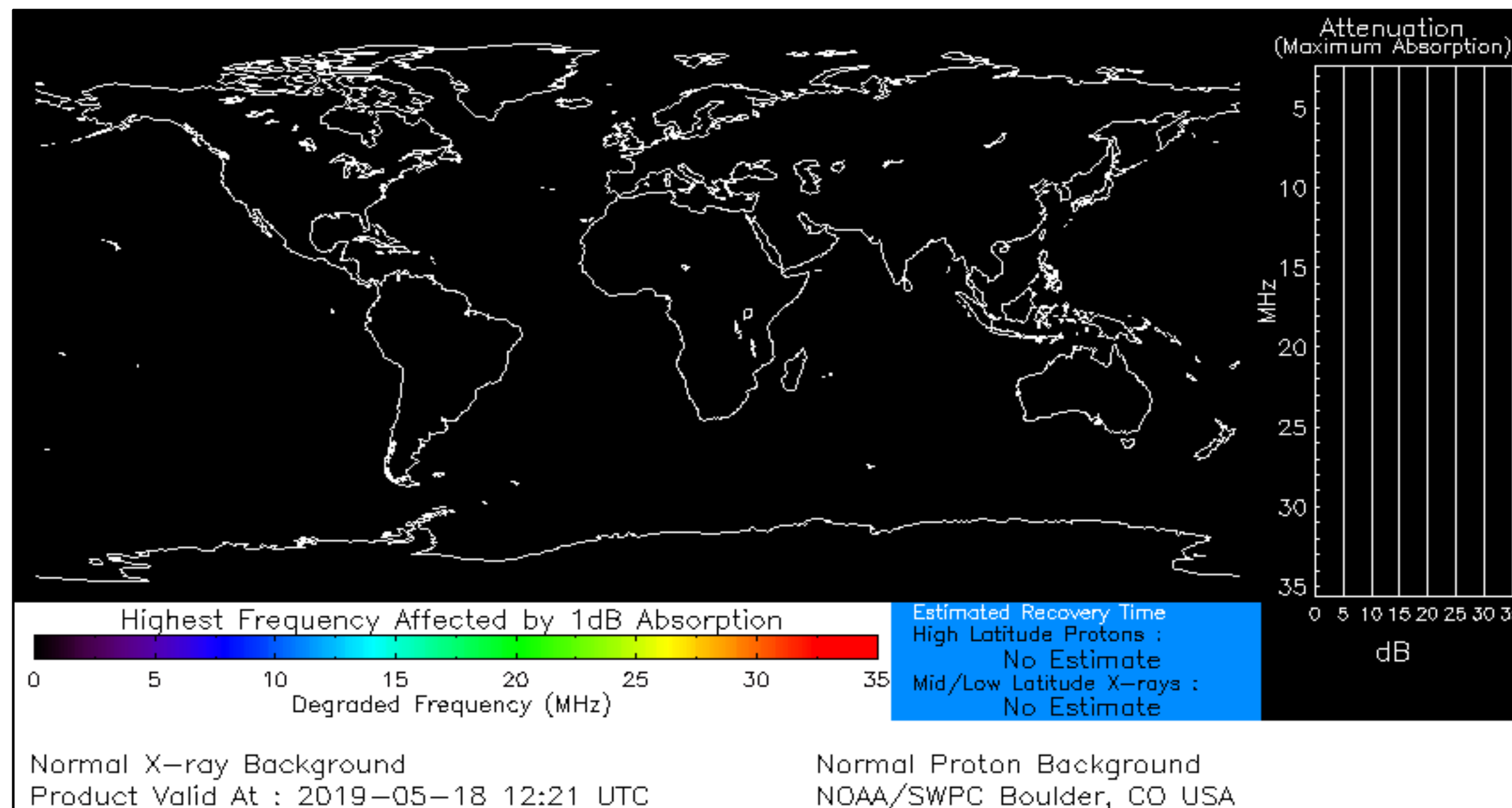
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Space Weather 3-Day Forecast



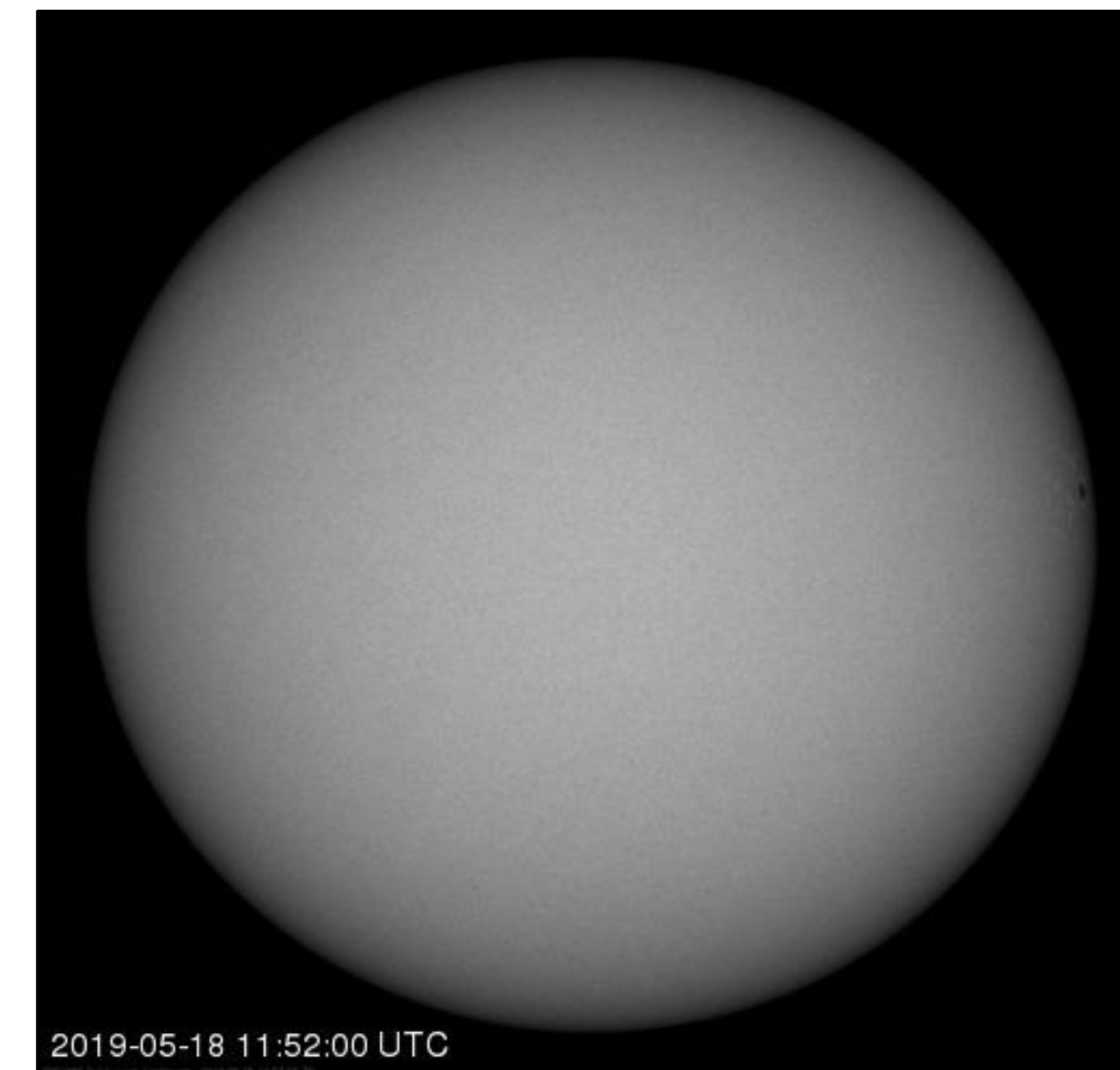
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov